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SEQUENCE LISTING

<110> REGENTS OF THE UNIVERSITY OF MINNESOTA

<120> HOMOLOGOUS RECOMBINATION IN MULTIPOTENT ADULT
PROGENITOR CELLS

<130> 890003-2003.WO

<140> PCT/US03/38811

<141> 2003-11-25

<150> 60/429,631

<151> 2002-11-27

<150> PCT/US02/04652

<151> 2002-02-14

<150> PCT/US00/21387

<151> 2000-08-04

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<170> PatentIn Ver. 3.2

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<213> Homo sapiens

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<213> Homo sapiens

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Tyr Glu Ala Leu Lys Glu Met Asp Ser Asn Thr Val Ile Glu Arg Phe
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Pro Thr Ile Gly Gln Leu Leu Ala Lys Ala Cys Trp Asn Pro Phe Ile
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 260 265 270
 Glu Cys Phe Ile Lys Asp Ser Ser Leu Pro Gln Ala Ala Cys His Pro
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 Ala Ile Phe Arg Val Val Asp Glu Met Phe Arg Cys Ala Leu Leu Glu
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 Thr Asp Gly Ala Leu Glu Ile Ile Ala Thr Ile Gln Val Phe Thr Gln
 305 310 315 320
 Cys Phe Val Glu Ala Leu Glu Lys Ala Ser Lys Gln Leu Arg Phe Ala
 325 330 335
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 Leu Gln Asp Pro Gln Asp Ile Pro Arg Gly His Trp Leu Gln Thr Leu
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 Lys His Ile Ser Glu Leu Leu Arg Glu Ala Val Glu Asp Gln Thr His
 370 375 380
 Gly Ser Cys Gly Gly Pro Phe Glu Ser Trp Phe Leu Phe Ile His Phe
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 Gly Gly Trp Ala Glu Met Val Ala Glu Gln Leu Leu Met Ser Ala Ala
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 Glu Pro Pro Thr Ala Leu Leu Trp Leu Leu Ala Phe Tyr Tyr Gly Pro
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 Arg Asp Gly Arg Gln Arg Ala Gln Thr Met Val Gln Val Lys Ala Val
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 Leu Gly His Leu Leu Ala Met Ser Arg Ser Ser Ser Leu Ser Ala Gln
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 465 470 475 480
 Pro Ala Gln Gln Leu Ile Arg His Leu Leu Leu Asn Phe Leu Leu Trp
 485 490 495
 Ala Pro Gly Gly His Thr Ile Ala Trp Asp Val Ile Thr Leu Met Ala
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His Thr Ala Glu Ile Thr His Glu Ile Ile Gly Phe Leu Asp Gln Thr
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